

LTA: 222Kc02

NAME:  
Oshkosh Moraines

ACRES:  
232484.15

SQUARE MILES:  
363.256

DESCRIPTION:  
The characteristic landform pattern is undulating till plain. Soils are predominantly moderately well drained silt and clay over calcareous clay or loam till. Common habitat types include ATiFrCa(O), ATiFrVb(Cr), and wetland.

CLIMATE

CODE	PERCENT
86	24
88	37
92	39

GEOLOGY

BEDROCK TYPE DESCRIPTION  
Carbonates

AVERAGE DEPTH  
TO BEDROCK  
5005

BEDROCK DEPTH  
DESCRIPTION  
Bedrock is between 50 feet and 5 feet of the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS  
Till Deposition

TOPOGRAPHY  
Undulating

SURFACE  
Till Plain

SOIL INFORMATION

SOIL ASSOCIATIONS	SOIL DESCRIPTION
Kewaunee-Manawa-Hortonville-Symco-Houghton, Poygan-Willette-Zittau	Well drained, moderately well drained, and somewhat poorly drained clayey and loamy soils with a silt loam or loam surface over calcareous silty clay loam or clay loam till, along with very poorly drained nonacid organic soils.

SURFACE TEXTURES  
SIL-FSL-MK

GENERAL TEXTURES  
Clayey-Loamy-Mucky

FAMILY TEXTURES  
FI-FIL-SP

DRAINAGE CLASSES  
WD-MWD-SPD-VPD

PARENT MATERIAL  
Till-Organic

KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6	*Listed in order of probability occurrence, with each having an occurrence of 10% or greater
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WISCLAND LAND COVER

COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	162152	70
Bare Land	4869	2
Forested Wetland	2671	1
Grassland	20551	9
High Intensity Urban Area	9073	4
Low Intensity Urban Area	8666	4
Nonforested Wetland	12104	5
Open Water	2439	1
Shrubland	138	0
Upland Broad-leaved Deciduous	9213	4
Upland Coniferous Forest	599	0

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
NH/O	38	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	8	Oak - Black, White, and Burr Oak
OS	34	Oak Openings - Bur, White, Black Oak
GG	8	Prairie
UB	0	Brush
SC	0	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	0	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch
GLS	5	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
110 Miles	309 Miles	2603 Acres	5729 Acres	0'-20'	parallel